

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of the claims:

1. (Currently Amended) A method for dynamically controlling access to configuration attributes for a printing device, comprising the steps of:

receiving a request for the printing device's configuration attributes at the printing device and the request is received from a requesting device;

making a run-time determination in the printing device of the configuration attributes supported by the printing device;

identifying markup language code embedded in the printing device associated with the configuration attributes supported by the printing device and markup language code embedded in the printing device unsupported by the printing device; and

transmitting the markup language code that is associated with the configuration attributes supported by the printing device, from the printing device to the requesting device and excluding the markup language code that is unsupported by the printing device, wherein the markup language code can enable an active user interface.

2. (Currently amended) A method as in claim 1, wherein the markup language code that is unsupported by the printing device is excluded by disabling links to the markup language code that is unsupported by the printing device step of identifying markup language code further comprises the step of excluding markup language code that is associated with configuration attributes not supported by the printing device.

3. (Currently amended) A method as in claim 1, wherein the printing device prohibits transmission to the requesting device of the markup language code that is unsupported by the printing device step of identifying markup language code further comprises the step of identifying markup language code associated with groups of configuration attributes supported by the printing device.

4. (Currently amended) A method as in claim 1-3, wherein the run-time determination

occurs when the printing device boots up or when the request is made for the configuration attributes step of identifying markup language code further comprises the step of identifying groups of configurations attributes, wherein each group of configurations is associated with a markup language document.

5. (Original) A method as in claim 1, further comprising the steps of parsing an XML tree containing the printing device's configuration attributes and using the XML tree to create an HTML page that displays the printing device's configuration attributes.

6. (Original) A method as in claim 1, wherein the step of identifying markup language code further comprises the step of identifying markup language code associated with an individual configuration attribute supported by the printing device.

7. (Original) A method as in claim 1, wherein the step of receiving a request for the printing device's configuration attributes further comprises the step of receiving the request for the printing device's configuration attributes from a network browser into a printing device's embedded web server over a network.

8. (Previously Presented) A method as in claim 7, further comprising the step of using a local area network or World Wide Web of the Internet as the network.

9. (Original) A method as in claim 1, further comprising the step of generating a device configuration interface to display the printing device's configuration attributes by including markup language code that is associated with the configuration attributes supported by the printing device.

10. (Original) A method as in claim 1, wherein the step of receiving a request for the printing device's configuration attributes further comprises the step of receiving a request for configuration attributes from a device driver for a printing device.

11. (Currently Amended) A system for dynamically determining configuration attributes for a printing device, comprising:

markup language code stored on the printing device, the markup language code being configured to describe and update the printing device's configuration attributes; an embedded application in communication with the printing device and integrated into the printing device, wherein the embedded application is configured to make a run-time determination of which markup language code corresponds to supported configuration attributes of the printing device and which markup language code corresponds to unsupported configurations attributes of the printing device, wherein the markup language code can enable an active user interface; and

a communication module associated with the printing device, and the communication module is configured to receive requests for configuration attributes and transmit the markup language code that corresponds to the supported configuration attributes of the printing device.

12. (Currently amended) A system as in claim 11, wherein the markup language code that corresponds to unsupported configuration attributes is excluded from being transmitted to a device requesting the configuration attributes communication module is an embedded web server.

13. (Currently amended) A system as in claim 11, wherein the run-time determination of the markup language code refers to a time when the markup language code is executed for the first time printing device supports printer control language (PCL).

14. (Currently amended) A system as in claim 11, wherein the markup language code includes Meta commands to a web server to instruct on including or excluding markup language code at run-time HTML code.

15. (Original) A system as in claim 11, wherein the markup language code includes XML code.

16. (Currently Amended) A system for dynamically updating a printing device's configuration attributes, comprising:

- a printing means for printing;
- a markup language code means for describing configuration attributes, wherein the markup language code means is stored on the printing means and can enable an active user interface;
- an embedded application means stored in the printing means, wherein the embedded application means is for making a run-time determination of which markup language code corresponds to the configuration attributes supported by the printing means and which markup language code corresponds to unsupported configurations attributes of the printing means; and
- a communication module means in the printing means, wherein the communication module means is for receiving requests for the configuration attributes and transmits markup language code corresponding to configuration attributes supported by the device.

17. (Original) A system as in claim 16, wherein the communication module means is an embedded web server.

18. (Currently Amended) A computer usable medium having computer readable program code embodied therein for dynamically controlling access to configuration attributes for a printing device, the computer readable program code means in the article of manufacture comprising:

- computer readable program code for receiving a request for the printing device's configuration attributes;
- computer readable program code to operate on the printing device for making a run-time determination of configuration attributes supported by the printing device;
- computer readable program code for identifying markup language code associated with the configuration attributes supported by the printing device and markup language code embedded in the printing device unsupported by the printing device, wherein the markup language code can enable an active user interface; and

computer readable program code for transmitting the markup language code that is associated with the configuration attributes supported by the printing device to a requesting device and for excluding the markup language code that is unsupported by the printing device.